## MODIS Active Fire Detections - April 2, 2009 Taylorville Roodhouse Washington Court House Carrollton Greenfield Gillespie Jerseyville Hymera Linton Oblong Robinson / Point Pleasant Sandborn West Portsmouth Portsmouth Bicknell Scottsburg Washington Belleville Mascoutah Mount Carmel Nashville Mount Vernon Wayne City La Grange Eminence Oakland City Grayville 17/ Shelbyville Pinckneyville McLeansbor Lexington Du Quoin Boonville Evansville Christopher West Frankfort Elvins Farmington Murphysboro Uniontown - Carbondal∉ Ironton Elizabethtow Livermore Jonesboro Providence/ Jackson Campbellsville Madisonville Central Ci Dawson Springs Somerset Princeton East Prairie \ // Mayfield Lilbourn Campbell Portageville Dresden Ashland City Cookeville Nashville McEwen Huntingdon Bruceton Knoxville Smithville Crossville Murfreesboro Maury Lepanto Parsons Brownsville Marked Tree Covington Shelbyville Henderson Rosemark Lawrenceburg Tracy City Somerville Chesnee Savannah W. Memphis Memphis Capleville Cowpens Clin Branch Glendale Chattanooga Pacolet Copperhill Spartanburg Greenville Hernando Florence Rogersville Athens Chickamauga Holly Springs Walhalla Buffalo Cherokee Huntsville Ripley Coldwater Leighton Booneville Courtland Clarkesville Williamsto Belton lew Albany Decatur Priceville Map Current As Of April 2, 2009 - 0700 MDT MODIS Orbit Tracks - April 2 AM Hartselle Actively Burning Area (Last 12 hours) - 12,000 & Above Phil Campbell 3,500 & Above — Gainesville Actively Burning Area 3,000 — - 10,000 Rome (Last 24 hours) Previously Burned Area Cartersville) (Since January 1st) NIFC Situation Report Fire This map was compiled at the USDA Forest Service Remote Sensing Applications Center in cooperation with NASA Goddard Space Flight Center, the University of Maryland, the National Interagency Fire Center and the USDA Forest Service Missoula Fire Sciences Laboratory. The fire locations are mapped using imagery collected by the Moderate Resolution Imaging Spectroradiometer (MODIS) onboard the TERRA and AQUA satellite platforms. Each MODIS instrument provides daily image coverage of the Earth in the mid to high latitudes, making observations in 36 co-registered spectral bands at moderate spatial resolutions. The real information is collected at 1000 meters retain resolution. Winder Interstate Highways Lawrenceville resolutions (250, 500, and 1000 meters). Thermal information is collected at 1000-meter spatial resolution. Fire detections displayed on this map are processed by the MODLand Rapid Response system using the algorithm described by the MOD14 Users Guide\*. Identification of a MODIS pixel as "fire" in this map does not necessarily mean that the entire area represented U.S. Highways by the pixel is on fire. A fire detection can be the result of a hot fire in a relatively small area, or a cooler fire over a larger area. At this time, there is no way to discriminate between these two possibilities. The geolocation of the centroid of the fire pixel is within one-half of one pixel (500-meters) of the location shown on the map.

Aberdeen

West Point

Greenwood

The USDA Forest Service (USFS) attempts to use the most current and complete geospatial data available. Geospatial data accuracy varies by theme on the map. These maps are intended as a synoptic view of past and present fire activity over the dates described in the map title. Using these maps for other than their intended purpose may yield inaccurate or misleading results. The USFS reserves the right to correct, update or modify geospatial inputs to this map without notification. For additional information, please contact the Remote Sensing Application Center (801-975-3750).

Social Circle

(\* http://modis-fire.gsfc.nasa.gov/)

Albers Equal-Area Projection.